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SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

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0.22

FILE 'EPFULL' ENTERED AT 11:01:20 ON 23 MAR 2009

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FILE 'RDISCLOSURE' ENTERED AT 11:01:20 ON 23 MAR 2009

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FILE 'USPATFULL' ENTERED AT 11:01:20 ON 23 MAR 2009

CA INDEXING COPYRIGHT (C) 2009 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPATOLD' ENTERED AT 11:01:20 ON 23 MAR 2009

CA INDEXING COPYRIGHT (C) 2009 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPAT2' ENTERED AT 11:01:20 ON 23 MAR 2009

CA INDEXING COPYRIGHT (C) 2009 AMERICAN CHEMICAL SOCIETY (ACS)

=>

=> s fluorine containing polymer# and aqueous dispersion#

5 FILES SEARCHED...

L1 993 FLUORINE CONTAINING POLYMER# AND AQUEOUS DISPERSION#

=> s l1 and 2-acyloxycarboxylic acid#

L2 3 L1 AND 2-ACYLOXYCARBOXYLIC ACID#

=> d 12 1-3

L2 ANSWER 1 OF 3 EPFULL COPYRIGHT 2009 EPO/FIZ KA/LNU on STN

AN 2004:80262 EPFULL EDP 20050323 ED 20050323 UP 20050323

DUPD 20050323 DUPW 200512

TIEN METHOD FOR PRODUCING FLUORINE-CONTAINING

POLYMER, AQUEOUS DISPERSION OF

FLUORINE-CONTAINING POLYMER, 2-

ACYLOXYCARBOXYLIC ACID DERIVATIVE, AND SURFACE ACTIVE

AGENT.

TIFR PROCEDE DE PRODUCTION DE POLYMERES CONTENANT DU FLUOR, DISPERSION AQUEUSE

DE POLYMERES CONTENANT DU FLUOR, DERIVE D'ACIDE 2-ACYLOXYCARBOXYLIQUE ET

AGENT TENSIOACTIF.

IN TSUDA, Nobuhiko, Daikin Industries, Ltd., Yodogawa Plant., 1-1

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Nishihitotsuya, Settsu-shi, Osaka 566-8585, JP;  
YAMAMOTO, Yoshihiro, Daikin Industries, Ltd., Yodogawa Plant., 1-1  
Nishihitotsuya, Settsu-shi, Osaka 566-8585, JP;  
NANBA, Yoshinori, Daikin Industries, Ltd., Yodogawa Plant., 1-1  
Nishihitotsuya, Settsu-shi, Osaka 566-8585, JP;  
SAWADA, Yasuhiko, Daikin Industries, Ltd., Yodogawa Plant., 1-1  
Nishihitotsuya, Settsu-shi, Osaka 566-8585, JP;  
SHIMIZU, Tetsuo, Daikin Industries, Ltd., Yodogawa Plant., 1-1  
Nishihitotsuya, Settsu-shi, Osaka 566-8585, JP  
PA Daikin Industries, Ltd., Umeda Center Building, 4-12, Nakazaki-nishi  
2-chome, Kita-ku, Osaka-shi, Osaka 530-8323, JP  
PAN 605938  
DT Patent  
LAF Japanese  
LA English  
LAP English  
TL English; French  
PIT WO/01 International application published with search report  
PI WO 2005007707 A1 20050127  
DS AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO  
SE SI SK TR  
EXTENSION STATES: AL HR LT LV MK  
AI EP 2004-747679 A 20040716  
WO 2004-JP10214 A 20040716  
PRAI JP 2003-275581 A 20030716  
JP 2003-275582 A 20030716  
IC.VER 7  
ICM C08F002-26  
ICS C08L027-12; C08K005-10; C07C069-63  
AN 2004:80262 EPFULL EDP 20050323 ED 20060602 UP 20090211  
DUPD 20090211 DUPW 200907  
TIEN METHOD FOR PRODUCING FLUORINE-CONTAINING  
POLYMER, AQUEOUS DISPERSION OF  
FLUORINE-CONTAINING POLYMER, 2-  
ACYLOXYCARBOXYLIC ACID DERIVATIVE, AND SURFACE ACTIVE  
AGENT.  
TIFR PROCEDE DE PRODUCTION DE POLYMERES CONTENANT DU FLUOR, DISPERSION AQUEUSE  
DE POLYMERES CONTENANT DU FLUOR, DERIVE D'ACIDE 2-ACYLOXYCARBOXYLIQUE ET  
AGENT TENSIOACTIF.  
TIDE VERFAHREN ZUR HERSTELLUNG VON FLUORHALTIGEM POLYMER, WAESSRIGE  
DISPERSION VON FLUORHALTIGEM POLYMER, 2-ACYLOXYCARBONSAEUREDERIVAT UND  
TENSID.  
IN TSUDA, Nobuhiko, Daikin Industries, Ltd., Yodogawa Plant., 1-1  
Nishihitotsuya, Settsu-shi, Osaka 566-8585, JP;  
YAMAMOTO, Yoshihiro, Daikin Industries, Ltd., Yodogawa Plant., 1-1  
Nishihitotsuya, Settsu-shi, Osaka 566-8585, JP;  
NANBA, Yoshinori, Daikin Industries, Ltd., Yodogawa Plant., 1-1  
Nishihitotsuya, Settsu-shi, Osaka 566-8585, JP;  
SAWADA, Yasuhiko, Daikin Industries, Ltd., Yodogawa Plant., 1-1  
Nishihitotsuya, Settsu-shi, Osaka 566-8585, JP;  
SHIMIZU, Tetsuo, Daikin Industries, Ltd., Yodogawa Plant., 1-1  
Nishihitotsuya, Settsu-shi, Osaka 566-8585, JP  
PA DAIKIN INDUSTRIES, LTD., Umeda Center Building, 4-12, Nakazaki-nishi  
2-chome, Kita-ku, Osaka-shi, Osaka 530-8323, JP  
PAN 605938  
AG HOFFMANN EITLE, Patent- und Rechtsanwaelte Arabellastrasse 4, 81925  
Muenchen, DE  
AGN 101511

ductruong

DT Patent  
LAF Japanese  
LA English  
LAP English  
TL German; English; French  
PIT EPA1 Application published with search report  
PI EP 1661916 A1 20060531  
WO 2005007707 20050127  
DS AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO  
SE SI SK TR  
AI EP 2004-747679 A 20040716  
WO 2004-JP10214 A 20040716  
PRAI JP 2003-275581 A 20030716  
JP 2003-275582 A 20030716  
IPCI C08F0002-26 [I,A ]; C08L0027-12 [I,A ]; C08K0005-10 [I,A ];  
C07C0069-63 [I,A ]  
C08F0002-12 [I,C\*]; C08L0027-00 [I,C\*]; C08K0005-00 [I,C\*];  
C07C0069-00 [I,C\*]  
L2 ANSWER 2 OF 3 PCTFULL COPYRIGHT 2009 Univentio on STN  
AN 2005007707 PCTFULL ED 20050201 EW 200504  
TIEN METHOD FOR PRODUCING FLUORINE-CONTAINING  
POLYMER, AQUEOUS DISPERSION OF  
FLUORINE-CONTAINING POLYMER, 2-  
ACYLOXYCARBOXYLIC ACID DERIVATIVE, AND SURFACE ACTIVE  
AGENT  
TIFR PROCEDE DE PRODUCTION DE POLYMERES CONTENANT DU FLUOR, DISPERSION AQUEUSE  
DE POLYMERES CONTENANT DU FLUOR, DERIVE D'ACIDE 2-ACYLOXYCARBOXYLIQUE ET  
AGENT TENSIOACTIF  
IN TSUDA, Nobuhiko, c/o Daikin Industries, Ltd.  
Yodogawa Plant., 1-1, Nishihitotsuya, Settsu-shi, Osaka 5668585, JP [JP,  
JP];  
YAMAMOTO, Yoshihiro, c/o Daikin Industries, Ltd.  
Yodogawa Plant., 1-1, Nishihitotsuya, Settsu-shi, Osaka 5668585, JP [JP,  
JP];  
NANBA, Yoshinori, c/o Daikin Industries, Ltd.  
Yodogawa Plant., 1-1, Nishihitotsuya, Settsu-shi, Osaka 5668585, JP [JP,  
JP];  
SAWADA, Yasuhiko, c/o Daikin Industries, Ltd.  
Yodogawa Plant., 1-1, Nishihitotsuya, Settsu-shi, Osaka 5668585, JP [JP,  
JP];  
SHIMIZU, Tetsuo, c/o Daikin Industries, Ltd.  
Yodogawa Plant., 1-1, Nishihitotsuya, Settsu-shi, Osaka 5668585, JP [JP,  
JP]  
PA DAIKIN INDUSTRIES, LTD., Umeda Center Building, 4-12, Nakazaki-Nishi  
2-chome, Kita-ku, Osaka-Shi, Osaka 5308323, JP [JP, JP], for all  
designates States except US;  
TSUDA, Nobuhiko, c/o Daikin Industries, Ltd.  
Yodogawa Plant., 1-1, Nishihitotsuya, Settsu-shi, Osaka 5668585, JP [JP,  
JP], for US only;  
YAMAMOTO, Yoshihiro, c/o Daikin Industries, Ltd.  
Yodogawa Plant., 1-1, Nishihitotsuya, Settsu-shi, Osaka 5668585, JP [JP,  
JP], for US only;  
NANBA, Yoshinori, c/o Daikin Industries, Ltd.  
Yodogawa Plant., 1-1, Nishihitotsuya, Settsu-shi, Osaka 5668585, JP [JP,  
JP], for US only;  
SAWADA, Yasuhiko, c/o Daikin Industries, Ltd.  
Yodogawa Plant., 1-1, Nishihitotsuya, Settsu-shi, Osaka 5668585, JP [JP,  
JP], for US only;

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SHIMIZU, Tetsuo, c/o Daikin Industries, Ltd.  
Yodogawa Plant., 1-1, Nishihitotsuya, Settsu-shi, Osaka 5668585, JP [JP], for US only

AG YASUTOMI, Yasuo, Chuo Bldg. 4-20, Nishinakajima  
5-chome, Yodogawa-ku, Osaka-shi, Osaka 5320011, JP

LAF Japanese  
LA Japanese  
DT Patent  
PI WO 2005007707  
DS W: A1 20050127

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID  
IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG  
SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

W-U: AE AL AM AT AZ BG BR BY BZ CN CO CR CZ DE DK EC EE EG ES  
FI GE HU KE KG KP KR KZ LS MD MX MZ NI PH PL PT RU SK SL  
TJ TR TT UA UG UZ YU

RW (ARIPO): BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW  
RW (EAPO): AM AZ BY KG KZ MD RU TJ TM  
RW (EPO): AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC  
NL PL PT RO SE SI SK TR

RW (OAPI): BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
RW-U (OAPI): BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

PRAI JP 2003-2003-275581 20030716  
JP 2003-2003-275582 20030716

AI WO 2004-JP10214 A 20040716

ICM C08F002-26  
ICS C08L027-12; C08K005-10; C07C069-63

L2 ANSWER 3 OF 3 USPATFULL on STN  
AN 2006:262408 USPATFULL

TI Method for producing fluorine-containing ploymer, aqueous  
dispersion of fluorine-containing  
polymer, 2-acyloxycarboxylic acid  
derivative, and surface active agent

IN Tsuda, Nobuhiko, Settsu-shi, JAPAN  
Yamamoto, Yoshihiro, Settsu-shi, JAPAN  
Nanba, Yoshinori, Settsu-shi, JAPAN  
Sawada, Yasuhiko, Settsu-shi, JAPAN  
Shimizu, Tetsuo, Settsu-shi, JAPAN

PA DAIKIN INDUSTRIES, LTD., Osaka, JAPAN (non-U.S. corporation)

PI US 20060223924 A1 20061005  
AI US 2004-564642 A1 20040716 (10)  
WO 2004-JP10214 20040716  
20060113 PCT 371 date

PRAI JP 2003-275581 20030716  
JP 2003-275582 20030716

DT Utility  
FS APPLICATION

LN.CNT 1671  
INCL INCLM: 524/300.000  
INCLS: 524/773.000; 560/179.000

NCL NCLM: 524/300.000  
NCLS: 524/773.000; 560/179.000

IC IPCI C08K0005-09 [I,A]; C08K0005-00 [I,C\*]; C07C0069-66 [I,A];  
C07C0069-00 [I,C\*]  
IPCR C08K0005-00 [I,C]; C08K0005-09 [I,A]; C07C0069-00 [I,C];  
C07C0069-63 [I,A]; C07C0069-66 [I,A]; C08F0002-12 [I,C\*];  
C08F0002-26 [I,A]; C08F0014-00 [I,C\*]; C08F0014-18 [I,A];

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C08F0020-00 [I,C\*]; C08F0020-22 [I,A]; C08K0005-10 [N,A]  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> s l1 and fluoropolymer#  
L3 291 L1 AND FLUOROPOLYMER#

=> s l3 and carboxylate ester bond?  
L4 2 L3 AND CARBOXYLATE ESTER BOND?

=> d l4 1-2

L4 ANSWER 1 OF 2 EPFULL COPYRIGHT 2009 EPO/FIZ KA/LNU on STN

AN 2004:80262 EPFULL EDP 20050323 ED 20050323 UP 20050323  
DUPD 20050323 DUPW 200512

TIEN METHOD FOR PRODUCING FLUORINE-CONTAINING  
POLYMER, AQUEOUS DISPERSION OF  
FLUORINE-CONTAINING POLYMER,

TIFR 2-ACYLOXYCARBOXYLIC ACID DERIVATIVE, AND SURFACE ACTIVE AGENT.  
PROCEDE DE PRODUCTION DE POLYMERES CONTENANT DU FLUOR, DISPERSION AQUEUSE  
DE POLYMERES CONTENANT DU FLUOR, DERIVE D'ACIDE 2-ACYLOXYCARBOXYLIQUE ET  
AGENT TENSIOACTIF.

IN TSUDA, Nobuhiko, Daikin Industries, Ltd., Yodogawa Plant., 1-1  
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YAMAMOTO, Yoshihiro, Daikin Industries, Ltd., Yodogawa Plant., 1-1  
Nishihitotsuya, Settsu-shi, Osaka 566-8585, JP;  
NANBA, Yoshinori, Daikin Industries, Ltd., Yodogawa Plant., 1-1  
Nishihitotsuya, Settsu-shi, Osaka 566-8585, JP;  
SAWADA, Yasuhiko, Daikin Industries, Ltd., Yodogawa Plant., 1-1  
Nishihitotsuya, Settsu-shi, Osaka 566-8585, JP;  
SHIMIZU, Tetsuo, Daikin Industries, Ltd., Yodogawa Plant., 1-1  
Nishihitotsuya, Settsu-shi, Osaka 566-8585, JP

PA Daikin Industries, Ltd., Umeda Center Building, 4-12, Nakazaki-nishi  
2-chome, Kita-ku, Osaka-shi, Osaka 530-8323, JP

PAN 605938

DT Patent

LAF Japanese

LA English

LAP English

TL English; French

PIT WO/01 International application published with search report

PI WO 2005007707 A1 20050127

DS AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO  
SE SI SK TR

EXTENSION STATES: AL HR LT LV MK

AI EP 2004-747679 A 20040716

WO 2004-JP10214 A 20040716

PRAI JP 2003-275581 A 20030716

JP 2003-275582 A 20030716

IC.VER 7

ICM C08F002-26

ICS C08L027-12; C08K005-10; C07C069-63

AN 2004:80262 EPFULL EDP 20050323 ED 20060602 UP 20090211  
DUPD 20090211 DUPW 200907

TIEN METHOD FOR PRODUCING FLUORINE-CONTAINING  
POLYMER, AQUEOUS DISPERSION OF  
FLUORINE-CONTAINING POLYMER,

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2-ACYLOXYCARBOXYLIC ACID DERIVATIVE, AND SURFACE ACTIVE AGENT.  
TIFR PROCEDE DE PRODUCTION DE POLYMERE CONTENANT DU FLUOR, DISPERSION AQUEUSE DE POLYMERE CONTENANT DU FLUOR, DERIVE D'ACIDE 2-ACYLOXYCARBOXYLIQUE ET AGENT TENSIOACTIF.  
TIDE VERFAHREN ZUR HERSTELLUNG VON FLUORHALTIGEM POLYMER, WAESSRIGE DISPERSION VON FLUORHALTIGEM POLYMER, 2-ACYLOXYCARBONSAEUREDERIVAT UND TENSID.  
IN TSUDA, Nobuhiko, Daikin Industries, Ltd., Yodogawa Plant., 1-1 Nishihitotsuya, Settsu-shi, Osaka 566-8585, JP;  
YAMAMOTO, Yoshihiro, Daikin Industries, Ltd., Yodogawa Plant., 1-1 Nishihitotsuya, Settsu-shi, Osaka 566-8585, JP;  
NANBA, Yoshinori, Daikin Industries, Ltd., Yodogawa Plant., 1-1 Nishihitotsuya, Settsu-shi, Osaka 566-8585, JP;  
SAWADA, Yasuhiko, Daikin Industries, Ltd., Yodogawa Plant., 1-1 Nishihitotsuya, Settsu-shi, Osaka 566-8585, JP;  
SHIMIZU, Tetsuo, Daikin Industries, Ltd., Yodogawa Plant., 1-1 Nishihitotsuya, Settsu-shi, Osaka 566-8585, JP  
PA DAIKIN INDUSTRIES, LTD., Umeda Center Building, 4-12, Nakazaki-nishi 2-chome, Kita-ku, Osaka-shi, Osaka 530-8323, JP  
PAN 605938  
AG HOFFMANN EITL, Patent- und Rechtsanwaelte Arabellastrasse 4, 81925 Muenchen, DE  
AGN 101511  
DT Patent  
LAF Japanese  
LA English  
LAP English  
TL German; English; French  
PIT EPA1 Application published with search report  
PI EP 1661916 A1 20060531  
WO 2005007707 20050127  
DS AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR  
AI EP 2004-747679 A 20040716  
WO 2004-JP10214 A 20040716  
PRAI JP 2003-275581 A 20030716  
JP 2003-275582 A 20030716  
IPC1 C08F0002-26 [I,A ]; C08L0027-12 [I,A ]; C08K0005-10 [I,A ];  
C07C0069-63 [I,A ]  
C08F0002-12 [I,C\*]; C08L0027-00 [I,C\*]; C08K0005-00 [I,C\*];  
C07C0069-00 [I,C\*]  
L4 ANSWER 2 OF 2 USPATFULL on STN  
AN 2006:262408 USPATFULL  
TI Method for producing fluorine-containing ploymer, aqueous dispersion of fluorine-containing polymer, 2-acyloxycarboxylic acid derivative , and surface active agent  
IN Tsuda, Nobuhiko, Settsu-shi, JAPAN  
Yamamoto, Yoshihiro, Settsu-shi, JAPAN  
Nanba, Yoshinori, Settsu-shi, JAPAN  
Sawada, Yasuhiko, Settsu-shi, JAPAN  
Shimizu, Tetsuo, Settsu-shi, JAPAN  
PA DAIKIN INDUSTRIES, LTD., Osaka, JAPAN (non-U.S. corporation)  
PI US 20060223924 A1 20061005  
AI US 2004-564642 A1 20040716 (10)  
WO 2004-JP10214 20040716  
20060113 PCT 371 date  
PRAI JP 2003-275581 20030716

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JP 2003-275582 20030716  
DT Utility  
FS APPLICATION  
LN.CNT 1671  
INCL INCLM: 524/300.000  
INCLS: 524/773.000; 560/179.000  
NCL NCLM: 524/300.000  
NCLS: 524/773.000; 560/179.000  
IC IPCI C08K0005-09 [I,A]; C08K0005-00 [I,C\*]; C07C0069-66 [I,A];  
C07C0069-00 [I,C\*]  
IPCR C08K0005-00 [I,C]; C08K0005-09 [I,A]; C07C0069-00 [I,C];  
C07C0069-63 [I,A]; C07C0069-66 [I,A]; C08F0002-12 [I,C\*];  
C08F0002-26 [I,A]; C08F0014-00 [I,C\*]; C08F0014-18 [I,A];  
C08F0020-00 [I,C\*]; C08F0020-22 [I,A]; C08K0005-10 [N,A]  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=>